

Converting Colors

XYZ(24.5336, 27.0750, 42.4643)

Have a look what the booklet for
XYZ(24.5336, 27.0750, 42.4643)
contains.

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Color

**XYZ(24.5690, 27.0755,
42.4592)**

Conversions

Conversions Part 1

Format	Color
Hex	7292AB
RGB	114, 146, 171
RGB Percent	45%, 57%, 67%
CMY	0.5529, 0.4274, 0.3294
CMYK	0.33, 0.15, 0.00, 0.33
HSL	206°, 25%, 56%
HSV	206°, 33%, 67%
XYZ	24.5690, 27.0755, 42.4592
YIQ	139.2820, -27.0970, 0.9910

Conversions

Conversions Part 2

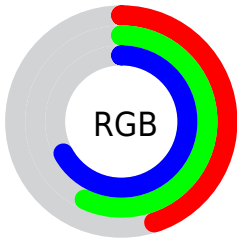
Format	Color
RYB	114, 134, 171
Decimal	7508651
CIELab	59.04, -4.96, -16.73
CIElCh	59, 17.450, 253.491
Yxy	27.0755, 0.2611, 0.2877
Android (android.graphics.Color)	4285698731 (0xFF7292AB)
YUV	139.2820, 15.6370, -22.1723
Hunter-Lab	52.0341, -6.7772, -11.9560

Details

The XYZ color **24.5690, 27.0755, 42.4592** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **29.0648, 28.3383, 19.8582**, and the grayscale version is **24.5990, 25.8801, 28.1834**.

A 20% lighter version of the original color is **50.3181, 55.0150, 79.9184**, and **9.5625, 10.7544, 19.0246** is the 20% darker color. If you saturate the color by 10%, you get **21.4310, 23.7981, 41.9925**, and if you desaturate by 10%, it is **28.2004, 30.7211, 42.9719**.

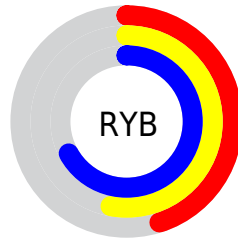
Distribution



Red (45%)

Green (57%)

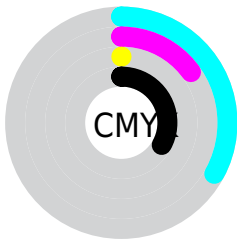
Blue (67%)



Red (45%)

Yellow (53%)

Blue (67%)

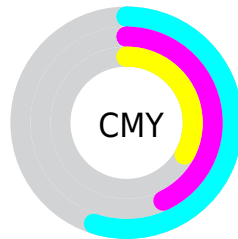


Cyan (33%)

Magenta (15%)

Yellow (0%)

Black (33%)



Cyan (55%)

Magenta (43%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5690, 27.0755, 42.4592 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 24.5690, 27.0755, 42.4592 by changing the saturation by 10% instead.

■ 24.5690, 27.0755,
42.4592

■ 24.5690, 27.0755,
42.4592

268.0721,
288.0225, 372.2386

■ 15.8833, 17.6299,
29.1328

■ 50.4051, 55.0050,
80.1717

■ 9.5319, 10.6846,
18.9348

■ 68.2862, 74.2577,
105.3949

■ 5.1496, 5.8552,
11.4469

■ 89.9630, 97.5483,
135.4207

■ 2.3710, 2.7572,
6.2503

115.8011,
125.2611, 170.6677

■ 0.8306, 1.0063,
2.9266

146.1656,
157.7805, 211.5545

■ 0.0000, 0.0000,
1.0573

181.4221,

■ 0.0000, 0.0000,

195.4909, 258.4995

0.0000

221.9358,
238.7768, 311.9214

■ 24.5690, 27.0755,
42.4592

■ 24.5690, 27.0755,
42.4592

■ 21.4310, 23.7981,
41.9925

■ 28.2004, 30.7211,
42.9719

■ 18.7592, 20.8708,
41.5683

■ 32.3454, 34.7456,
43.5303

■ 16.5274, 18.2786,
41.1855

■ 37.0263, 39.1630,
44.1362

■ 14.7056, 16.0038,
40.8425

■ 42.2630, 43.9857,
44.7911

■ 13.2595, 14.0263,
40.5370

■ 48.0746, 49.2253,
45.4961

■ 12.1484, 12.3226,
40.2667

■ 54.4790, 54.8931,
46.2526

■ 11.5341, 11.3069,
40.1030

■ 61.4936, 60.9997,
47.0616

■ 69.1347, 67.5555,
47.9242

■ 72.5108, 72.0404,
48.6120

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



22.8296, 27.0755, 38.4754



24.5690, 27.0755, 42.4592



26.7184, 27.0755, 42.6669

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.5690, 27.0755, 42.4592



30.0005, 27.0755, 26.7846



22.9731, 27.0755, 21.6463

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



24.5690, 27.0755, 42.4592



29.0648, 28.3383, 19.8582

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.7750, 27.0755, 19.3366



24.5690, 27.0755, 42.4592



28.8758, 27.0755, 22.0098

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.5690, 27.0755, 42.4592



29.9377, 27.0755, 33.0016



26.9362, 27.0755, 19.4595



21.9443, 27.0755, 26.2194

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.5690, 27.0755, 42.4592



28.1017, 27.0755, 40.5888



26.9362, 27.0755, 19.4595



23.5040, 27.0755, 20.6101

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



24.5698, 27.0766, 42.4598



60.4683, 64.6463, 78.2928



26.1412, 34.5591, 29.6048



13.2371, 14.1811, 17.4272



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.5698, 27.0766, 42.4598



39.7743, 44.1000, 75.4177



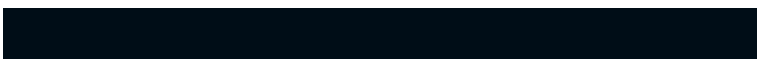
20.7457, 19.4282, 41.1851



7.9378, 8.4750, 10.1702



8.7480, 8.6299, 30.2492



0.2966, 0.3466, 0.8592

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



28.0009, 22.7686, 30.1143



47.0210, 35.7271, 49.1800



33.6877, 37.5841, 21.3992



8.1864, 8.0878, 9.2925



14.2792, 7.1742, 9.1159



0.4241, 0.2103, 0.3951

Previews

White Background



This preview shows how the XYZ color 24.5690, 27.0755, 42.4592 looks on a white background.

Color Contrast Check

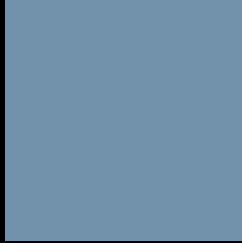
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.5690, 27.0755, 42.4592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

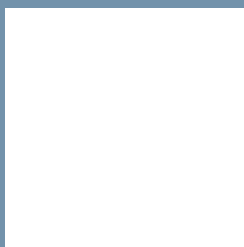
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.5690, 27.0755, 42.4592

Background



This preview shows how black text looks on a background with the XYZ color 24.5690, 27.0755, 42.4592.



This preview shows how white text looks on a background with the XYZ color 24.5690, 27.0755,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

24.5690, 27.0755, 42.4592

Protanopia

26.5065, 26.7804, 40.3313

Deuteranopia

27.5907, 27.0578, 43.3037



Tritanopia

23.4906, 27.0974, 37.2499

Trichromacy



Original Color

24.5690, 27.0755, 42.4592

Protanomaly

25.6430, 26.7623, 40.8599

Deuteranomaly

26.4795, 27.1499, 42.8746

Tritanomaly

23.8167, 26.9925, 39.0768

Monochromacy



Original Color

24.5690, 27.0755, 42.4592

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4648, 26.3262, 33.0702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5690, 27.0755, 42.4592 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(114, 146, 171)` looks like.

```
.text, #text, p{  
    color:rgb(114, 146, 171)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(114, 146, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 146, 171) }
```

Border

The CSS property to change the border of an element to XYZ 24.5690, 27.0755, 42.4592 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 146, 171) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(114, 146, 171) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(114, 146, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 146, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 146, 171);  
box-shadow:4px 4px 4px 4px rgb(114, 146,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5690, 27.0755, 42.4592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 146, 171) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(114,  
146, 171) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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